The South 40

Be on watch for the cereal beetle

By JAMES A. SMITH
Extension Agent

Be alert for cereal leaf beetle infestation. Small grain has come along really good in recent weeks, but it's time for the CLB to make its annual visit. Infestations usually peak about mid-May. Oats are the favorite of small grains.

To check a field--all foliage on 10 stems should be examined for CLB in at least 5 locations in a field. Examine both sides of the leaf blade. Generally, we recommend spraying when there is an average of 1 beetle per stem in wheat, or a population of 1.5 per stem in barley or oats.

Some of our entomologists say that we went into this past winter with more CLB then ever before, so the possibility for heavy beetle infestions is with us this spring.

We will be putting out parasitized beetle larvae in a few weeks, hoping to get a build-up of this important preditory insect.

Several weeks ago, we had an afternoon program on the James Ford Farm where we discussed putting up hay in plastic bags. There is a lot to be learned about this process. If we have a good curing conditions this spring, there will be litle interest, but if it's wet thi may be a consideration. We are not recomnmending this to you but you may want ot give it a try. The plastic bags aren't cheap. If you do purchase some, be sure that they are resistant to ultraviolet light.

Enclosing wet, large, round bales in plastic bags as "balage" is fairly new. Hay that contains 50-60% moisture in tight bales will ferment and be preserved similar to wilted silage provided the bale is enclosed in an air-tight container. Results have been complete success and failure. Following are some suggestions to avoid total failure:

1. Harvest at the right time. Forages cut at the proper stage of maturity improve chances of the desired fermentation. Feeding value lost because of delayed maturity cannot be recovered.

2. Cut and condition hay into a wide swath. Conditioned hay will cure 50% faster and retain 30% more of the leaves after curing. Wide swaths decrease drying time and will make a more uniform, tight bale.

3. Mow around mid-day. The sugars that ferment the silage are highest during periods of intense sunlight.

4. Wilt to 40-50% day matter in daylight. Moisture levels influence the type of fermentation. Wilting in sunlight increases sugar levels. Mow and bag the same day--within hours.

5. Place bales in bags as rapidly as possible. Curing hay undergoes a process called respiration and continues until moisture drops to 40%. Respiration "burns" sugars and generates heat. At 40-50% dry matter, forage respiration will continue as long as oxygen is available. Bales should be sealed in air-tight bags within three hours after baling.

6. Limit the bale size. These bales will be heavy and cumbersome. Smaller bales will reduce stress on equipment and are safer to handle.

7. Use bags resistant to ultraviolet radiation. Some plastics will not withstand continued exposure to sunlight. Bags that break will cause forage to spoil. The laminated plastics (double-layer) appear to resist tearing better and less likely to contain "weep" holes. Controlling the access to oxygen appears to be a major factor in success.

8. Select a desirable storage site. Rodents, birds, rocks and stubble can ruin a bag. Bags on lime or concrete will reduce rodent damage.

9. Limit feeding of bales. Forage ensiled in the wet bales will heat and spoil when exposed to air. Limit feeding of "balage" to what livestock can clean-up in no more than 2-3 days.

Orthene is labeled for green peach aphid, cutworm, and flea beetle control in the tobacco transplant water.

Use not more than 1 pound Orthene per acre in a minimum of 100 gallons of water per acre.

You can expect aphid control for 4 to 6 weeks after transplanting.

If large numbers of cutworms are present some damage may occur because the larvae have to feed on the treated plants before they are killed.

Orthene is now labeled for all types of tobacco.

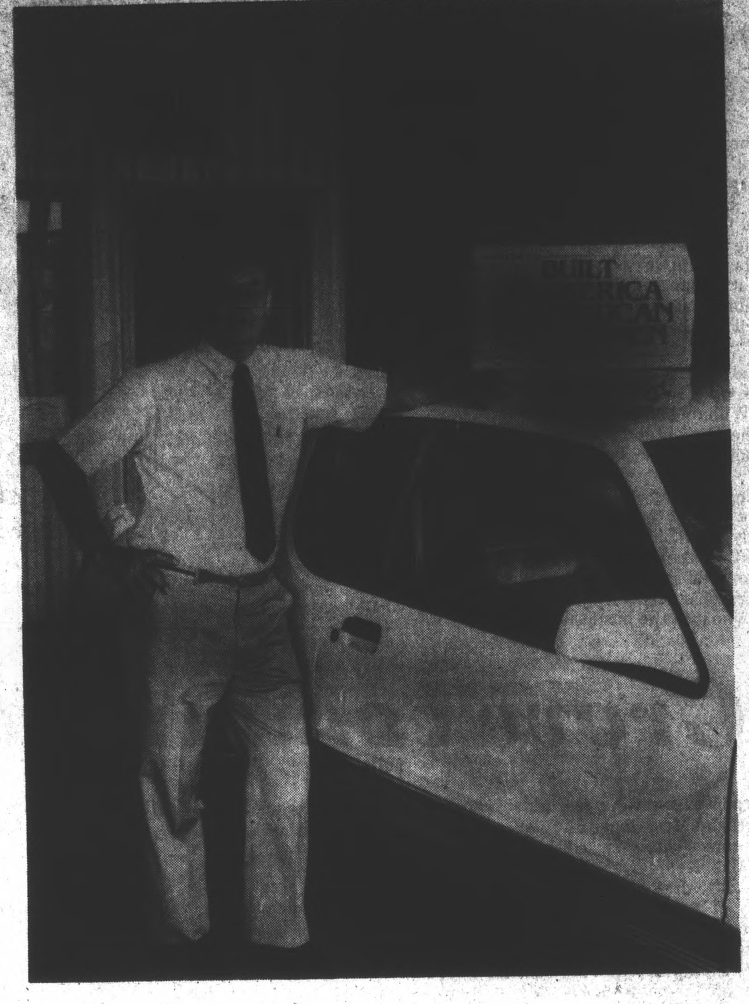
The alfalfa weevil is feeding on mucy of the alfalfa. Fields likely need to be sprayed if they haven't been.

Some growers were looking at malathion as the insecticide to use, but it's really not effective unless the temperature is approaching 70°. Its best place is on fields that are not sprayed but the insect is present and a stubble spray is applied.

Many growers are using Furadan. It does a good job on the weevil, as well as preditor insects. It is also a material that needs to be handled very carefully.

Imidan is another recommended material that works quite well. When you compare costs of 2 pounds Imidan vs. 1 pint of Furadan, it's about the same.

From a safety point of view, Imidan needs to be considered. The dermal LD 50 factor for Furdan is 850; for Imidan it's 3160. The oral LD 50 factor for Furadan is 10 and for Imidan it's 216. The large the number, the safer the material.



Joe Foxwell

Joe Foxwell joins Lawson Ford staff

J.S. (Joe) Foxwell of Appomattox has joined Lawson Ford, Inc. in public relations and sales.

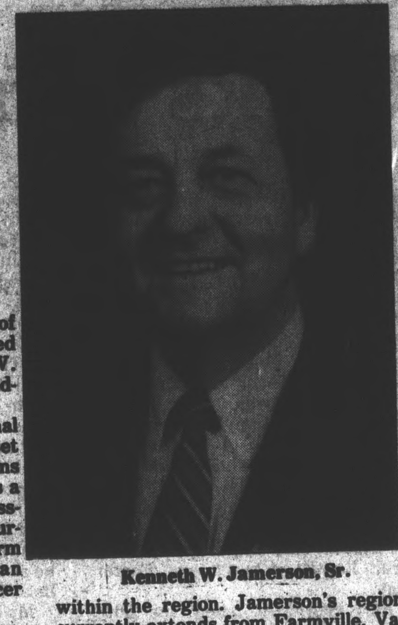
Foxwell, who retired Jan. 31 after 33 years with the Virginia State Police, will work in this area, making contact with potential customers, and inviting them to come to Lawson Ford and try out the various Ford products there.

Foxwell, age 56, has been in Appomattox since 1971, when he was transferred by the State Police from Fredericksburg. At the time of his retirement, he was in charge of the narcotics investigation team in Central Virginia.

He is married to the former Lois Marie McCue of Richmond. They have a daughter, Scarlet, who is a teacher in Hopewell; and two sons, John, who is employed with Whiting Oil Co. and Stop-In Food Stores in Roanoke, and J. Neale, who is employed with the security department of Babcock and Wilcox in Lynchburg.

"I'm very happy to have the opportunity of joining the team at Lawson Ford, and I am looking forward to traveling and working with the people in this area," Foxwell said. "I'll be contacting the folks in Central Virginia and inviting them to try our fine Ford sales and service at Lawson," he concluded.

Kenneth Jamerson promoted



Kenneth W. Jamerson, Sr.

Arthur L. Williams, Jr. president of the A.L. Williams Co., has announced the promotion of Kenneth W. Jamerson, Sr. to regional vice-president.

The A.L. Williams Co. is a national marketing firm, specializing in asset management. Through A.L. Williams Marketing organization, Jamerson is a registered representative with Massachusetts Indemnity and Life Insurance Co., the leading writer of term insurance, and First American National Securities, a leading producer of Mutual Fund Sales.

As Regional Vice-President, Jamerson will have the responsibility of recruiting and training new personnel along with supervising the activity within the region. Jamerson's region currently extends from Farmville, Va. to Abingdon, Va.

Kenneth Jamerson and wife Betsy live in Spout Spring.

'Teamwork '84"

Davidson in exercise

Marine Staff Sgt. Edward O. Davidson, son of Thomas O. and Virginia B. Davidson of Route 4, Appomattox, Va., recently participated in "Teamwork '84."

He is a member of Marine Fighter Attack Squadron 122, Marine Aircraft Group 31, Second Marine Aircraft Wing, Marine Corps Air Station, Beaufort, S.C.

"Teamwork '84" was a NATO exercise to test the ability of NATO forces to reinforce and resupply Northern Europe under winter conditions. It took place in the North Sea, Norwegian Sea and North Atlantic areas. A combined amphibious assault was conducted by U.S. Marines, British Royal Marines and Dutch Royal Marines in support of Norwegian Forces operating in the Arctic Climate of Northern Norway.

More than 150 ships and 300 aircraft from NATO countries, including more than 30 U.S. Navy ships were involved in the exercise. Other participating countries included Great Britain, The Netherlands, West Germany, Belgium, Canada, Denmark and Norway. Although not a military member of NATO, France also participated in the exercise.

Williams completes training

Marine PVT. John T.Williams, son of Mr. and Mrs. John Williams of Appomattox, Va. was completed recruit training at the Marine Corp Recruit Depot, Parris Island, S. C.

During the 11-week training cycle, he learned the basics of battlefield survival. He was introduced to the typical daily routine that he will experience during his enlistment and studied the personal and professional standards traditionally exhibited by Marines.

He participated in an active physical conditioning program and gained proficiency in a variety of military skills, including first aid, rifle marksmanship and close order drill. Teamwork and self-discipline were emphasized throughout the training cycle.

Garcia completes training

Navy Seaman Recruit Luis E. Garcia, a 1980 graduate of Appomattox County High School, Appomattox, Va. has completed recruit training at the Naval Training Center, Great Lakes, Ill.

During the eight-week training cycle, trainees studied general military subjects designed to prepare them for further academic and on-the-job training in one of the Navy's 85 basic occupational fields.

Included in their studies were seamanship, close order drill, Naval history, and first aid. Personnel who complete this course of instruction are eligible for three hours of college credit in Physical Education and Hygiene.

C. Faye Wood honored

C. Faye Wood, associate professor of religion at Ferrum College, recently received Ferrum's Distinguished Alumni Award for "service to education."

Miss Wood is a Lynchburg College graduate and has a master's in Christian Education from Scarritt College and a Master of Divinity degree from Southeastern Baptist Theological Seminary. She joined the Ferrum College faculty in 1955 and currently is on sabbatical working on her Doctorate of Ministry degree at Vanderbilt University and Scarritt College.

Miss Wood is the neice of Mrs. Holly Cawthorne of Appomattox.

Ellison arrives for duty

Army Spec. 4 Anthony Ellison Sr., son of Anna R. Ellison of Rural Route 2, Green Pond, S.C., has arrived for duty in Fuerth, West Germany.

Ellison, a truck driver with the 2nd Support Command, was previously assigned at Fort Eustis, Va.

His wife, Clarice, is the daughter of Wyatt and Minerva Venable of Rural Route 2, Pamplin, Va.

He is a 1979 graduate of Walterboro High School, S.C.

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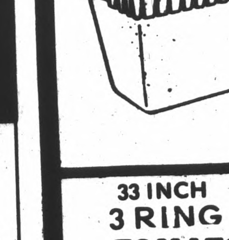

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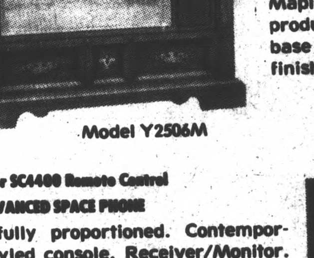

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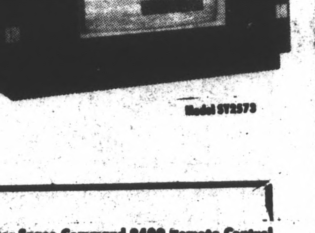

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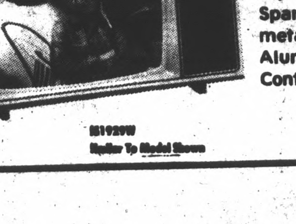

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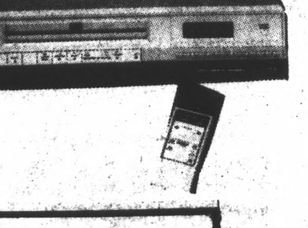

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